

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 50   | encod\$4 with video with<br>(graphic\$3 or subtitle)<br>with (region or section)                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>14:55 |
| S2    | 4    | "786923".ap.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>14:57 |
| S3    | 48   | S1 and @ad   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>14:57 |
| S4    | 37   | S1 and @ad<"20030225"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>16:35 |
| S5    | 7    | "143499".ap.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>15:06 |
| S6    | 7    | "143505".ap.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>15:08 |
| S7    | 2    | (plurality with (region or<br>sector) with video with<br>(graphic\$3 or subtitle)<br>with (disc or disk or<br>medium)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/09<br>15:10 |

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| S8  | 26   | encod\$4 same video same (subtitle or subpicture\$3 or (sub adj picture) or graphic) same (region or sector) same record\$4                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>15:13 |
| S9  | 17   | S8 and @ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>11:49 |
| S10 | 1110 | (video adj decod\$4) same ((subtitle adj decod\$4) or (subpicture adj decod\$4) or (sub adj picture adj decod\$4) or (graphic adj decod\$4))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>11:48 |
| S11 | 487  | S10 and @ad<"20030225"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>16:35 |
| S12 | 378  | S11 and "386".clas.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/09<br>16:37 |
| S13 | 18   | (video adj decod\$4) same ((subtitle adj decod\$4) or (subpicture adj decod\$4) or (sub adj picture adj decod\$4)) same(graphic adj decod\$4) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:20 |
| S14 | 0    | S13 and @ad<"20030225"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>11:51 |
| S15 | 474  | (graphic adj decod\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:22 |

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| S16 | 102 | S15 and (video adj decod\$4) same ((subtitle adj decod\$4) or (subpicture adj decod\$4) or (sub adj picture adj decod\$4)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>11:51 |
| S17 | 0   | S16 and<br>@ad<"20030225"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:22 |
| S18 | 162 | S15 and<br>@ad<"20030225"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:21 |
| S19 | 60  | S18 and (video adj decod\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:18 |
| S20 | 2   | "5854873".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:18 |
| S21 | 18  | ((subtitle adj decod\$4) or (subpicture adj decod\$4) or (sub adj picture adj decod\$4)) same(graphic adj decod\$4)        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:21 |
| S22 | 0   | S21 and<br>@ad<"20030225"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:56 |
| S23 | 102 | ((subtitle adj decod\$4) or (subpicture adj decod\$4) or (sub adj picture adj decod\$4)) and (graphic adj decod\$4)        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:53 |

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| S24 | 0   | S23 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:21 |
| S25 | 111 | plurality with(graphic adj<br>decod\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:22 |
| S26 | 11  | S25 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:22 |
| S27 | 18  | ((subtitle adj decod\$4) or<br>(subpicture adj decod\$4)<br>or (sub adj picture adj<br>decod\$4)) same (graphic<br>adj decod\$4)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>12:56 |
| S28 | 102 | ((subtitle adj decod\$4) or<br>(subpicture adj decod\$4)<br>or (sub adj picture adj<br>decod\$4)) and (graphic<br>adj decod\$4)                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:01 |
| S29 | 0   | S22 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:29 |
| S30 | 84  | S28 not S27   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:01 |
| S31 | 130 | ((subtitle adj decod\$4) or<br>(subpicture adj decod\$4)<br>or (sub adj picture adj<br>decod\$4)) and ((graphic<br>adj decod\$4) or (highlight<br>adj decoder)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:21 |

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| S32 | 15 | S31 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:18 |
| S33 | 6  | S32 and overlap   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:20 |
| S34 | 3  | ((subtitle) or (subpicture)<br>or (sub adj picture )) with<br>((graphic) or (highlight))<br>with overlap with video         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:28 |
| S35 | 6  | ((subtitle) or (subpicture)<br>or (sub adj picture )) with<br>((graphic) or (highlight))<br>with overlap                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:29 |
| S36 | 38 | ((subtitle) or (subpicture)<br>or (sub adj picture )) with<br>((graphic) or (highlight))<br>with overlap\$4                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:31 |
| S37 | 0  | S29 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>13:29 |
| S38 | 2  | ((subtitle) or (subpicture)<br>or (sub adj picture )) with<br>((graphic) or (highlight))<br>with overlap\$4 with<br>without | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>15:01 |
| S39 | 4  | "786923".ap.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10<br>15:02 |

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| S40 | 846 | wiebe.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/18<br>14:33 |
| S41 | 13  | S40 and overlay  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/18<br>14:33 |
| S42 | 458 | (graphic or subtitle ) with<br>(overlap\$3 or overla\$4)<br>with plane             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:10 |
| S43 | 123 | S42 and "386".clas.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:10 |
| S44 | 15  | S43 and<br>@ad<"20030225"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:10 |
| S45 | 883 | (subtitle adj stream) or<br>(graphic adj stream)                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:30 |
| S46 | 103 | ((subtitle adj stream) and<br>(graphic adj stream))                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:30 |
| S47 | 7   | ((subtitle adj stream) and<br>(graphic adj stream) with<br>(distinct or separate)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:31 |

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| S48 | 0   | S47 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:31 |
| S49 | 485 | ((subtitle adj stream) or<br>(graphic adj stream) with<br>(distinct or separate))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:31 |
| S50 | 277 | S49 and (audio with video<br>with decod\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:32 |
| S51 | 150 | S50 and (overla\$3 near4<br>video)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:33 |
| S52 | 4   | S51 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:33 |
| S53 | 485 | ((subtitle adj stream) or<br>(graphic adj stream) with<br>(distinct or separate))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:35 |
| S54 | 44  | S53 and<br>@ad<"20030225"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:35 |
| S55 | 24  | (record\$4 or stor\$4) with<br>(subtitle or grahic) with<br>(separate\$3 or distinct\$3)<br>with (region or section or<br>area) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:47 |

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| S56 | 5    | S55 and<br>@ad<"20030225"          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/20<br>16:47 |
| S57 | 2877 | (graphic near4 plane)              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>16:17 |
| S58 | 191  | S57 and (subtitle near4<br>plane)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>16:17 |
| S59 | 138  | S58 and(overlaid or<br>overlap\$3) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>16:21 |
| S60 | 136  | S59 and (decod\$4)                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>16:23 |
| S61 | 4    | S60 and<br>@ad<"20040225"          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>16:23 |

6/ 4/ 2010 2:52:54 PM

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